

The Nature of Multiplets in the Quasiline Spectra
of Organic Molecules, by R. I. Personov,
O. N. Korotayev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 815-818.

The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,853

The Stability and Inheritance of the Cast Structure,
by A. A. Bochvar, Yu. P. Pashenichnov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 819-820.

The Am Inst of Phys

Vol 13, No 10, 1969.

May 69

382,860

Crystalline Structure of the Recently Discovered
Natural Borate Vimsite $\text{Ca} [\text{B}_2\text{O}_2(\text{OH})_4]$, by

D. P. Shashkin, M. A. Simonov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 821-824.

The Am Inst of Phys

Vol 13, No 10, April, 1969

May 69

382,835

**Luminescence Investigations of the Chemical
Sensitization of Silver Bromide-Iodide Emulsions,**
by V. M. Belous, L. P. Mel'nikhuk.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 862-865.

CB

May 69

381,058

A Study of the Mechanism of Thermal Decomposition
of Potassium Permanganate, by V. V. Boldyrev,
O. P. Korobeinichev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, Oct,
1968, pp 866-869.

CB

May 69

381,059

Mechanism of Synergism in the Inhibition of
Degenerate Branched-Chain Oxidation Reactions by
Mixtures of Aromatic Amines and 2,6-Disubstituted
Phenols, by G. V. Karpukhina, Z. K. Maykus.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 870-873.
CB

May 69

381,060

Formation of Gaseous Products by Laser Action on
Polymethylmethacrylate, by G. V. Mikhaylova,
N. P. Novikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 874-876.

CB

May 69

381,061

The Ignition of Diacetylene, by F. B. Moshkovich,
A. I. Rozlovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, Oct,
1968, pp 877-879.
CB

May 69

381,062

Determination of the Kinetic Constants for
Topochemical Reactions Under Nonisothermal
Conditions from an Equation in the Differential
Form, by A. V. Shkarin, G. M. Zhabrova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 880-883.

CB

May 69

381,063

Stability of Hydrothermally Treated
Disperse Structures, by G. D. Dibrov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 182, No 4, Oct 1968,
pp 884-887.
CB

Nov 70

Mass Transfer Between the Stream and
Stagnant Zones, by V. V. Kafarov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 182, No 4, Oct 1968,
pp 888-889.
CB

Nov 70

The Pressure Developing in a Layer of
Disperse Material During the Process of
Its Capillary Impregnation by a Liquid,
by G. M. Khutortsov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 182, No 4, Oct 1968,
pp 890-892.
CB

Nov70

Biostratigraphic Substantiation of the Artinskian-Kungurian Boundary in the Urals, by Ye. A. Guseva, L. P. Grozdilova and V. P. Gorskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 893-895.
AGI

Jun 69

384,378

Mesozoic Stratigraphy of the Ukrainian Shield, by
A. V. Ivannikov and V. V. Permyakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 896-898.

AGI

Jun 69

384,379

Stratigraphic Distribution of Givetian and Upper
Devonian Rugose Corals in Central Kazakhstan, by
A. A. Kaplan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 899-902,

AGI

Jun 69

384,380

Mode of Accumulation of Miocene Titanium-Zirconium
Placers in the Dnieper-Donets Depression, by
I. N. Remizov and M. G. Berger.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 903-906.
AGI

Jun 69

384,381

Probable Sedimentary Counterparts of Amphibolite,
by A. V. Sidorenko, V. A. Tenyakov, O. B. Gorbachev,
K. A. Zhuk-Pochekutov and O. M. Rozen.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 907-909.
AGI

Jun 69

384,382

Shock Compression of ZrSiO_4 and Metamict Decay,
by N. L. Dobretsova, V. S. Sobolev and V. I. Mali.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 910-913.
AGI

Jun 69

384,401

A new Type of Wall-Rock Alteration at the
Kommunar Gold Field, by A. F. Korobeynikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 914-917.
AGI

Jun 69

384,411

Chemical Properties of Granites of the Volcanic
and Plutonic Associations, by D. S. Shteynberg
and G. B. Fershtater.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 918-921.

AGI

Jun 69

384,412

A Manganese Ore Occurrence in Middle Paleozoic
Volcanics and Sediments of the Northern
Mugodzars, by A. A. Gavrilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 922-925.

AGI

Jun 69

384,415

Argon-Potassium Ratios of Residium, by
A. Ya. Krylov, N. A. Lisitsyna, Yu. I. Silin and
Ya. M. Tsovbun.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 926-929.

AGI

Jun 69

384,425

Hypogene Molybdenum Dispersion Halo in the
Shakhtama Ore Field, by L. V. Tauson,
S.G. Petrovskaya and B. P. Sanin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 930-933.
AGI

Jun 69

384,426

Behavior of Rb, Ba and Sr During the Formation
of Granophyric Granitoids (West and Northwest
Baikal Regions), by K. V. Flerova, T. A. Kuz'mina
and T. V. Yegorova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 934-937.

AGI

Jun 69

384,495

Early Devonian Monograptids Found for the First
Time in the Borshchov Horizon, Podolia, by
T. N. Koren'.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 938-940.

AGI

Jun 69

384,497

Conodonts of the Genus Icriodus Branson et
Mehl., 1938, from the Borshchov and Chortkov
Horizons, Podolia, by T. V. Mashkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 941-944.
AGI

Jun 69

384,498

Graptolites of the Silurian-Devonian Boundary
Beds in the USSR (and a Description of
Zosterophyllum Langi Obut SP.N.), by A. M. Obut.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 945-948.
AGI

Jun 69

384,499

Cytogenetic Analysis of the Number of Subunits
in the Chromosome of *Vicia faba*, by
V. B. Makarov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 4, Oct 1968, pp 949-952.
CB

Jan 71

Genetic Analysis of the Effect of Rous Virus
(Shmidt-Ruppina Strain) on Mutation in
Drosophila, by V. A. Parnes.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 4, Oct 1968, pp 953-956.

CB

Jan 71

The Reduction Rate of Some Pentoses by Extracts
of the Yeast *Candida pulcherrima*, by
Yu. N. Karasevich.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.
Vol 182, No 4, Oct 1968, pp 957-959.

GB

Jan 71

Amino Acid Formation by Chloropseudomonas
ethylica by the Pathway of Reductive Amination,
by I. V. Malofeyeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,

Vol 182, No 4, Oct 1968, pp 960-962.

CB

Jan 71

A Possible Explanation of the High
Radiosensitivity of Cells (Radiosen-
sitivity of DNA Synthesis) in the S
Period of Interphase, by I. I. Ivanov
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 182, No 4, Oct 1968, pp 963-964.
CB

Oct 70

Correlation Between Amount of Sulfhydryl
Groups in Hemopoietic Tissue and Radio-
sensitivity of Mice of Different Strains
During Postnatal Development, by
Lieh Suan-t'u

RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 182, No 4, Oct 1968, pp 965-968.
CB

Oct 70

An Electron-Microscopic Investigation
of Compensatorily Hypertrophied Adrenal
After Whole-Body Exposure to Co⁶⁰ Gamma
Rays, by D. Kh. Khamidov
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 182, No 4, Oct 1968, pp 969-970.
CB

Oct 70

Effect of High Vacuum on the Activity of Some
Enzymes, by A. A. Imshenetskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 182,
No 4, Oct 1968, pp 971-972.
CB

Nov 70

Some Data on the Structure of the Middle
Lamella in Woody Plants, by

V. Ye. Moskaleva

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci,
Vol 182, No 4, Oct 1968, pp 973-974.

CB

70

Formation of Sulfate in Plants in the
Presence of Sodium Sulfate, by
N. I. Shevyakova
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol 182, No 4, Oct 1968, pp 975-977.
CB

Oct 70

Changes in the Activities of Lactic Dehydrogenase
and Its Isoenzymes in the Blood and Tissues of
Rats After Regular Exposure to Hypoxia, by
I. M. Markelov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 4, Oct 1968, pp 982-984.
CB

Jan 71

Summation of Series in Eigenfunctions, by
S. A. Alimov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 991-992.

The Am Math Soc

Vol 9, No 5, 1968

Mar 69

376,408

On Dyadic Bicompecta, by A. V. Arhangel'skiy,
V. I. Ponomarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 993-996.
The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,409

Irregular Surface of Bounded Extrinsic Curvature
and Inequalities of Isoperimetric Type, by

Ju. D. Burago, S. Z. Sefel.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 997-999.

The Am Math Soc

Vol 9, No 5, 1968

Mar 69

376,410

Position Operatives. II., by L. M. Gluskin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1000-1003.
The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,411

Stochastic Process Generated by Number-Theoretic
Endomorphisms, by M. I. Gordin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1004-1006.

The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,412

Equivalence of Ultimate-State Automata Relative to
a Free Semigroup With Right Zero, by

A. A. Leticevskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1007-1009.

The Am Math Soc

Vol 9, No 5, 1968

Mar 69

376,413

Nonselfadjoint One-Dimensional Perturbation of
the Operator of Multiplication by the
Independent Variable, by V. Ye. Ljance.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1010-1013.
The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,414

Factor Images of Metric Spaces, by S. I. Nedev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1014-1017.

The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,415

Automatön Representations and Matrices in a
Symmetrical Semigroup of an Abelian Group, by
V. P. Zarovnyi.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1018-1021.

The Am Inst of Phys

Vol 13, No 10, 1969.

JPRS 47,089

May 69

382,840

Partial Stability of Probabilistic Automata, by
B. S. Kochkarev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1022-1025.

The Am Inst of Phys

Vol 13, No 10, 1969.

JPRS 47,089

May 69

382,841

A Maxium Stability Principle for Mean Turbulent
Flows, by M. A. Gol'dshtik.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1026-1028.

The Am Inst of Phys

Vol 13, No 10, 1969.

May 69

382,845

Dynamic Programming and Nonlinear Problems
Concerning Thin-Rod Statics, by V. A. Baranenko,
Yu. M. Pochtman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1029-1031.

The Am Inst of Phys

Vol 13, No 10, 1969.

May 69

382,866

A Functional Formulation of the Bogolyubov Axioms
Governing S-Matrix Theory, by L. Sh. Khodzhayev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1032-1035.

The Am Inst of Phys

Vol 13, No 10, 1969.

May 69

382,848

Scattering Amplitudes for Rearrangement Processes
at Low Energies, by A. M. Brodskiy, V. G. Levich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1036-1039.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,854

Electromagnetic Properties of Superconductors with
Strong Coupling, by B. T. Geylikman, V. Z. Kresin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1040-1043.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,855

IR Spectra of Water and Aqueous Solutions of
Acetonitrile in the Region of Librational Oscillations
of Water Molecules, by Yu. V. Gurikov, L. V. Moyseyva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1044-1047.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,856

Temporal Characteristics of a Continuous $\text{CaF}_2:\text{Dy}^{2+}$
Crystal Laser, by M. I. Dzhibladze, T. M. Murina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1047-1051.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,857

Criterion for the Hydromagnetic Stability of
Plasma in the Neighborhood of the Magnetic Axis,
by L. S. Solov'ev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1052-1054.

The Am Inst of Phys

Vol 13, No 10, 1969.

May 69

382,857

Investigation of Dislocation Effects Resulting
From the Annealing of Bent Alkali-Halide Crystals
According to the Fujiwara Method, by Ya. Ye. Geguzin,
V. P. Matsokin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1055-1058.

The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,861

Determination of the Dimensions of the
Magnetosphere, as Measured by the Sub-
solar Distance, from the Data of Ter-
restrial Observations of Geomagnetic
Micropulsations, by V. A. Troitskaya,
R. V. Shchepetnov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182,
No 5, 1968, pp 1063-1066.
NAS/GSFC/ST-GM-PF-10769

Sci-Astron
May 69

382,606

Interpretation of the Patterson Function From its
Multiple Peaks, by Ye. A. Kuz'min, V. V. Tlyukhin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1067-1070.

The Am Inst of Phys

Vol 13, No 10, April, 1969

May 69

382,836

X-Ray Diffraction Investigation of Structural
Features of Cubic Boron Nitride Crystals, by
M. I. Sokhor, S. I. Futergerandler.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1071-1073.
The Am Inst of Phys
Vol 13, No 10, April, 1969.

May 69

382,837

Kinetics and Mechanism of Cationic Polymerization
of Styrene Under Conditions of Electrodialysis, by
F. S. D'yachkovskiy, Dzh. M. Yegiyazaryan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1105-1108.
CB

May 69

381,064

Magnetism of Mn(II) Chelates with Tetradentate
Ligands, by V. V. Zelentsov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1109-1110.

CB

May 69

381,065

The Nature of the Conductivity of Compounds of the
Transition Elements with Ordered Vacancies, by
V. A. Ivanova, D. Sh. Abdinov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1111-1113.
CB

May 69

381,066

Determination of the Size Distribution of
Submicroscopic Inhomogeneities from Small Angle
X-Ray Scattering Data, by Yu. A. Kuzin,
Ye. N. Syromolotov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1114-1117.

CB

May 69

381,067

Effect of Polar Groups Present on Carbon Black
Surfaces on the Strengthening of Hydrocarbon
Dispersions of Carbon Black by Dissolved Rubber,
by N. N. Lezhnev.

RUSSIAN, per, Akademiya Nauk SSSR. Doklady,
Vol 182, 1968, pp 1118-1121.

NTC-71-15534-07D

CB

Feb 72

Propagation Mechanism of Heterogeneous Detonation,
by S. A. Lesnyak, M. A. Nazarov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1122-1125.
CB

May 69

381,069

Some Laws Governing the Change in High-Temperature
Strength in Titanium-Based Ternary Systems, by
T. T. Nartova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1126-1129.

CB

May 69

381,070

Changes in Structure and Properties of Elastomers
with Mechanical Action, by Ye. V. Rentsova,
P. F. Badenkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1130-1133.
CB

May 69

381,071

The Effects of Radiation From Thallium 204 and
Ruthenium 106 on Electrode Processes, by

I. Spitsyn, I. Ye. Zimakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1134-1137.

CB

May 69

381,072

Hydrolytic Properties of Sodium Sulfate in
Water at High Temperatures, by M. S. Styrikovich,
O. I. Martynova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1138-1140.

CB

May 69

381,073

Adhesion of Paraffin on Surfaces of
Various Types, and Application to the
Prevention of Paraffin Deposition in
Oil Production, by V. P. Tronov
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 182, No 5, Oct 1968,
pp 1141-1143.
CB

Nov 70

Effects of Vibration and Surfactants
on the Disintegration of Coagulation-
Crystallization Structures in the Initial
Stage of Structure Formation, by

N. B. Ur'ev

RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 182, No 5, Oct 1968,
pp 1144-1147.

CB

Nov 70

Phase Transition and the Magma Genesis Problem,
by M. V. Avdulov and V. K. Semchenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1153-1156.

AGI

Jun 69

384,383

Youngest Volcanoplutonic Granitoid Association
of the Greater Caucasus Based on Potassium-
Argon Dating, by M. M. Arakelyants, A. M. Borsuk,
and L. L. Shanin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1157-1160.

AGI

Jun 69

384,384

Role of Heat Advection by Sea Currents in the
Large-Scale Interaction of the Ocean and Atmosphere
by V.G. Kort

RUSSIAN, per Dok Ak Nauk SSSR, Vol 182, No 5

1968, pp 1059-1062

AGI

June 1969

384, 356

More Information on the Lower Cretaceous in the
Northwest Central Siberian Plateau, by
Ye. Ye. Dyuzhikova, R. T. Konenkova,
V. V. Rogozhin and I. S. Ryabkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1161-1163.
AGI

JUN 69

384, 385

Dimensions of the Subsolar Magnetosphere Determined
from Geomagnetic Micropulsation Ground Observations,
by V.A. Troitskaya, R. V. Shchepetnov
RUSSIAN, per Dok Ak Nauk SSSR , Vol 182 No 5
1968, pp 1063-1066
AGI

June 1969

384, 357

Cambrian-Precambrian Boundary in the Koso Gol
Region (MNR), by A. V. Il'in and I. T. Zhuravleva,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1164-1166.

AGI

Jun 69

384,386

More Information on the Lower Devonian of the West
Side of the Northern Urals, by I. S. Stepanov,
G. N. Sychkin and Yu. N. Shestakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1167-1170.
AGI

Jun 69

384, 387

A Unique Paleogene Section in the Tukbay
Drillhole (Caspian Depression), by M. M. Charygin,
Yu. M. Vasil'yev and N. B. Gibshman.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1171-1173.
AGI

Jun 69

384,388

Sibay Stratovolcano, Southern Urals, by
V. S. Sharfman.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1174-1175.
AGI

Jun 69

384,389

Sogdianite, A New Mineral, by V. D. Dusmatov,
A. F. Yefimov, A. T. Katayeva, L. A. Khoroshilova
and K. P. Yanulov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1176-1177.
AGI

Jun 69

384,402

First Find of Ilimaussite in the USSR, by
M. N. Sokolova, N. I. Organova, M. Ye. Kazakova
and Ye. S. Rudnitskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1178-1181.

AGI

Jun 69

384,403

The Position of Titanium in Clinopyroxene, by
V. S. Shkodzinskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp y182-1185.
AGI

Jun 69

384,404

Polyolithionite from Granitoids of the Ulkan
Pluton and its Mode of Origin, by Yu. N. Gamaleya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1186-1189.
AGI

Jun 69

384,413

The Regional Geochemistry of Strontium in
Crustal Rocks, by A. L. Aleksandrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1190-1193.
AGI

Jun 69

384,496

Identification of the Genus Ptychoceras D'Orbigny,
by V. L. Yegoyan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1194-1196.
AGI

Jun 69

384,500

Post Sedimentation Argillization in Paleozoic
Clastic Deposits of the Southern Urals and
Northern Mugodzhars, by A. A. Gavrilov and
V. A. Aleksandrova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1197-1200.
AGI

Jun 69

384,416

Zooplankton Biomass Distribution in the Ocean
Surface Layer, by V. G. Bogorov, M. Y. Vinogradov,
N.M. Voronina, I. P. Kanayeva and I. A. Suyetova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
1968, pp 1205-1207.
AGI

Jun 69

384,503

Synthesis Time and Renewal Rate of Chromosome
Proteins in Continuous Cultures of Chinese
Hamster Fibroblasts, by S. I. Polikarpova.
RUSSIAN, per; Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 5, Oct 1968, pp 1208-1211.
CB

Jan 71

Tween-Esterase in Sensory and Motor Neurons of
Rabbit, by P. A. Motavkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 5, Oct 1968, pp 1212-1214.
CB

Jan 71

Microspectrofluorometric Study of Benz(a)pyrene
Accumulation and Oxidation by Yeasts, by
S. B. Petrikevich.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 5, Oct 1968, pp 1215-1218.

CB

Jan 71

Examination of Melanins of Nadsoniella nigra
by the EPR(Electron Paramagnetic Resonance)
Method, by Ye. L. Ruban.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 5, Oct 1968, pp 1219-1222.

CB

Jan 71

Virus Particles in Line LL Cells, by
T. A. Nikol'skaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 5, Oct 1968, pp 1223-1225.
CB

Jan 71

The Possibility of Photoelectrolysis
of Water on Models Containing Photo-
synthetic Pigments and in the Green Leaf,
by G. G. Komissarov
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys.,
Vol 182, No 5, Oct 1968, pp 1226-1229.
CB

Oct 70

Role of Water and of the State of the Carrier in
the Formation of Different Spectral Forms of
Chlorophyll in Artificial Pigment-Lipoprotein
Complexes, by Yu. Ye. Giller.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 182,
No 5, Oct 1968, pp 1230-1233.

GB

Nov 70

Ornithine Cycle in Chick Embryos, by
V. V. Koval'skiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 182,
No 5, Oct 1968, pp 1234-1236.
CB

Nov 70

Effects of Alcohols on Water and Sodium Transport
by Frog Skin and Urinary Bladder, by

Yu. V. Natchin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,
Vol 182, No 5, Oct 1968, pp 1237-1240.

CB

Jan 71

Approximation of Differentiable Functions by
Fourier-Hermite Sums, by V. A. Abilov,
S. A. Agahanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6,
1968, pp 1247-1248.
The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,416

Complexity of Programs to Determine Whether
Natural Numbers Not Greater Than n Belong to a
Recursively Enumerable Set, by Ja. M. Barzdin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6,
1969, pp 1249-1252.
The Am Math Soc
Vol 9, No 5, 1968

Mar 69

376,417